

**SUBSTITUTE DECLARATION FOR UTILITY PATENT APPLICATION**

AS BELOW-NAMED INVENTORS, WE HEREBY DECLARE THAT:

Our residences, post office addresses, and citizenship are as stated below next to our names.

We believe we are the original, first and joint inventors of the subject matter which is claimed and for which a patent is sought on the invention entitled: PREPARATION AND SCREENING OF CRYSTALLINE MATERIALS, the specification of which is attached hereto unless the following box is checked:

☒ was filed on June 13, 2001 as United States Application Serial No. 09/881,036.

WE HEREBY STATE THAT WE HAVE REVIEWED AND UNDERSTAND THE CONTENTS OF THE ABOVE-IDENTIFIED SPECIFICATION, INCLUDING THE CLAIMS, AS AMENDED BY ANY AMENDMENT REFERRED TO ABOVE.

We acknowledge the duty to disclose information which is material to the patentability as defined in 37 C.F.R. § 1.56.

We hereby claim foreign priority benefits under 35 U.S.C. § 119(a)-(d) or § 365(b) of any foreign application(s) for patent or inventor's certificate, or § 365(a) of any PCT International application which designated at least one country other than the United States listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or PCT International application having a filing date before that of the application on which priority is claimed:

Application No.	Country	Date of Filing	Priority Claimed?
			<input type="checkbox"/> Yes <input type="checkbox"/> No

We hereby claim benefit under 35 U.S.C. § 119(e) of any United States provisional application(s) listed below:

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Application Serial No.	Filing Date	Status
08/327,513	October 18, 1994	<input checked="" type="checkbox"/> Patented <input type="checkbox"/> Pending <input type="checkbox"/> Abandoned
09/127,195	July 31, 1998	<input checked="" type="checkbox"/> Patented <input type="checkbox"/> Pending <input type="checkbox"/> Abandoned

We hereby declare that all statements made herein of our own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under § 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.


Date \_\_\_\_\_ Name: Peter G. Schultz  
Residence: 1650 La Jolla Rancho Road, La Jolla, California 92037  
Citizenship: United States of America  
Post Office Address: 1650 La Jolla Rancho Road, La Jolla, California 92037

Date \_\_\_\_\_ Name: Xiao-Dong Xiang  
Residence: 1036 McCauley Road, Danville, California 94526-1970  
Citizenship: United States of America  
Post Office Address: 1036 McCauley Road, Danville, California 94526-1970

Date \_\_\_\_\_ Name: Isy Goldwasser  
Residence: 580 Arastradero Road #505, Palo Alto, California 94306  
Citizenship: United States of America  
Post Office Address: 580 Arastradero Road #505, Palo Alto, California 94306

Date \_\_\_\_\_ Name: Gabriel Briceno  
Residence: 13504 Rexwood Avenue, Baldwin Park, California 91706  
Citizenship: United States of America  
Post Office Address: 13504 Rexwood Avenue, Baldwin Park, California 91706

Date \_\_\_\_\_ Name: Xiao-Dong Sun  
Residence: 33288 Jamie Circle, Fremont, California 94555  
Citizenship: People's Republic of China  
Post Office Address: 33288 Jamie Circle, Fremont, California 94555

4-18-2003   
Date \_\_\_\_\_ Name: Kai-An WANG  
Residence: 1082 West Hill Court Cupertino, California 95014  
Citizenship: United States of America  
Post Office Address: 1082 West Hill Court Cupertino, California 95014

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4-18-03

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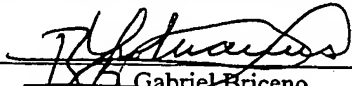
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4/17/03  
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## ASSIGNMENT

LBNL Case No.: 1069      Symyx Ref.: 94-1

For good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR(S)

1. Xiao-Dong SUN

2. Gabriel BRICEÑO

hereby sells, assign(s) and transfer(s) to ASSIGNEE, The Regents of The University of California, a California Corporation, having its statewide administrative offices located at 1111 Franklin Street, 12<sup>TH</sup> Floor, Oakland, CA 94607-5200 and the successors, assigns and legal representatives of the ASSIGNEE all of its right, title and interest for the United States and its territorial possessions and in all foreign countries in and to, any and all improvements which are disclosed in the invention entitled:

### COMBINATORIAL SYNTHESIS OF NOVEL MATERIALS

and which is found in

U.S. Patent No. 5,985,356, issued November 16, 1999

and any legal equivalent thereof in a foreign country, including the right to claim priority and, in and to, all Letters Patent to be obtained for said invention by the above application or any continuation, division, continuation-in-part, extension or substitute thereof, and any reissue, reexamination or extension of said Letters Patent and all rights under all International Conventions for the Protection of Industrial Property;

ASSIGNOR(S) hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment;

ASSIGNOR(S) further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to the same in any interference, litigation, or proceeding relating thereto and will promptly execute and deliver to ASSIGNEE or its legal representative any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue or enforce said application, said invention and said Letters Patent and said equivalents thereof which may necessary or desirable to carry out the purposes thereof. Any attorney of record is authorized and requested by the execution of this assignment to insert into this assignment the filing date and serial number of said application when officially known.

AND the ASSIGNOR(S) requests the Commissioner of Patents and Trademarks to issue said Letters Patent of the United States and any reissue or extension thereof to the ASSIGNEE, The Regents of The University of California.

executed this:

Signature of Inventor(s)

\_\_\_\_\_ day of \_\_\_\_\_, 2002

\_\_\_\_\_  
Xiao-Dong SUN

11<sup>TH</sup> day of September, 2002

\_\_\_\_\_  
Gabriel BRICEÑO

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and any legal equivalent thereof in a foreign country, including the right to claim priority and, in and to, all Letters Patent to be obtained for said invention by the above application or any continuation, division, continuation-in-part, extension or substitute thereof, and any reissue, reexamination or extension of said Letters Patent and all rights under all International Conventions for the Protection of Industrial Property;

ASSIGNOR(S) hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment;

ASSIGNOR(S) further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to the same in any interference, litigation, or proceeding relating thereto and will promptly execute and deliver to ASSIGNEE or its legal representative any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue or enforce said application, said invention and said Letters Patent and said equivalents thereof which may necessary or desirable to carry out the purposes thereof. Any attorney of record is authorized and requested by the execution of this assignment to insert into this assignment the filing date and serial number of said application when officially known.

AND the ASSIGNOR(S) requests the Commissioner of Patents and Trademarks to issue said Letters Patent of the United States and any reissue or extension thereof to the ASSIGNEE, The Regents of The University of California.

executed this:

Signature of Inventor(s)

27 day of Oct, 2002

  
Xiao-Dong SUN

\_\_\_\_ day of \_\_\_\_\_, 2002

\_\_\_\_\_  
Gabriel BRICEÑO

## ASSIGNMENT

LBNL Case No.: 1069      Symyx Ref.: 94-1

For good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR(S)

**1. Kai-An WANG**

hereby sells, assign(s) and transfer(s) to ASSIGNEE, The Regents of The University of California, a California Corporation, having its statewide administrative offices located at 1111 Franklin Street, 12<sup>TH</sup> Floor, Oakland, CA 94607-5200 and the successors, assigns and legal representatives of the ASSIGNEE all of its right, title and interest for the United States and its territorial possessions and in all foreign countries in and to, any and all improvements which are disclosed in the invention entitled:

**COMBINATORIAL SYNTHESIS OF NOVEL MATERIALS**

and which is found in

**U.S. Patent No. 5,985,356, issued November 16, 1999**

and any legal equivalent thereof in a foreign country, including the right to claim priority and, in and to, all Letters Patent to be obtained for said invention by the above application or any continuation, division, continuation-in-part, extension or substitute thereof, and any reissue, reexamination or extension of said Letters Patent and all rights under all International Conventions for the Protection of Industrial Property;

ASSIGNOR(S) hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment;

ASSIGNOR(S) further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to the same in any interference, litigation, or proceeding relating thereto and will promptly execute and deliver to ASSIGNEE or its legal representative any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue or enforce said application, said invention and said Letters Patent and said equivalents thereof which may necessary or desirable to carry out the purposes thereof. Any attorney of record is authorized and requested by the execution of this assignment to insert into this assignment the filing date and serial number of said application when officially known.

AND the ASSIGNOR(S) requests the Commissioner of Patents and Trademarks to issue said Letters Patent of the United States and any reissue or extension thereof to the ASSIGNEE, The Regents of The University of California.

executed this:

18<sup>th</sup> day of April, 2002

Signature of Inventor(s)



Kai-An WANG



044 59-0004005  
UNITED STATES DEPARTMENT OF COMMERCE  
Patent and Trademark Office  
ASSISTANT SECRETARY AND COMMISSIONER  
OF PATENTS AND TRADEMARKS  
Washington, D.C. 20231  
EBW

OCTOBER 22, 1995

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PTAS  
EUGENIA GARRETT-WACKOWSKI  
TOWNSEND AND TOWNSEND KHOURIE AND CREW  
TWENTIETH FLOOR, STEUART STREET TOWER  
ONE MARKET PLAZA  
SAN FRANCISCO, CA 94105-1492



\*100030241A\*

UNITED STATES PATENT AND TRADEMARK OFFICE  
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, NORTH TOWER BUILDING, SUITE 10C35, WASHINGTON, D.C. 20231.

RECORDATION DATE: 06/09/1995

REEL/FRAME: 7518/0522  
NUMBER OF PAGES: 3

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:  
GOLDWASSER, ISY

DOC DATE: 03/28/1995

ASSIGNEE:  
SYMYX TECHNOLOGIES  
4005 MIRANDA AVENUE, SUITE 180  
PALO ALTO, CALIFORNIA 94304

SERIAL NUMBER: 08327513  
PATENT NUMBER:

FILING DATE: 10/18/1994  
ISSUE DATE:

JERYL MCDOWELL, EXAMINER  
ASSIGNMENT DIVISION  
OFFICE OF PUBLIC RECORDS



100 6495  
GPM PTO-1595  
Rev. 6-93)

07-18-1995

Art. Jocket No. 014339-000400US

U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office



To the Honorable Commissioner of Patents

100030241

ed original documents or copy thereof.

1. Name of conveying party(ies)

Iry Goldwasser

2. Name and address of receiving party(ies):

Name: Symyx Technologies

Internal Address:

Street Address: 4005 Miranda Avenue, Suite 180

City: Palo Alto State: California ZIP: 94304

Additional name(s) & address(es) attached? ☐ Yes ☒ No

3. Nature of conveyance:

- ☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Other:

Execution Date: March 28, 1995

4. Application number(s) or patent number(s).

If this document is being filed together with a new application, the execution date of the application is:

A. Patent Application No.(s) 08/327,513

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Eugenia Garrett-Wackowski  
TOWNSEND and TOWNSEND KHOURIE and CREW  
Twentieth Floor  
Steuart Street Tower  
One Market Plaza  
San Francisco, California 94105-1492  
(415) 543-9600

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41):..... \$ 40.00

- ☐ Enclosed ☒ Charge Fees to Deposit Account  
☒ Charge any additional fees associated with this paper or during the pendency of this application, or credit any overpayment, to deposit account

8. Deposit account number: 20-1430

(Attach duplicate copy of this page if paying by deposit account)

DO NOT USE THIS SPACE

9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Eugenia Garrett-Wackowski  
Name of Person Signing

Signature

June 5, 1995  
Date

Atty. Reg. No. 37,330

Total number of pages including cover sheet, attachments, and document: 3

10. Change Correspondence Address to that of Part 5? ☒ Yes ☐ No

08/02/95 07/10/95 08/27/95

20-1430 040 581

40.00CH

OMB No. 0651-0011 (exp. 4/94)

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Mail documents to be recorded with required cover sheet information to:  
Commissioner of Patents and Trademarks  
Box Assignments  
Washington, D.C. 20231

Attorney Docket No. 14939-4

ASSIGNMENT OF PATENT APPLICATION

JOINT

WHEREAS, Peter G. Schultz of 4616 Rising Hill Court, Oakland, California 94619, Xiaodong Xiang of 215 Kevington Place, Alameda California 94502, and Isy Goldwasser of 435 Encinal Avenue, Apt. C, Menlo Park, California 94502, hereinafter referred to as "Assignors," are the inventors of the invention described and set forth in the below identified application for United States Letters Patent:

Title of the Invention: THE COMBINATORIAL SYNTHESIS OF NOVEL MATERIALS

Date(s) of execution of Declaration: December 22, 1994

Filing date: October 18, 1994 Serial No.: 08/327,513; and

WHEREAS, Peter G. Schultz and Xiaodong Xiang have assigned their rights to the above invention to The Regents of the University of California pursuant to the Assignment submitted concurrently herewith; and

WHEREAS, Isy Goldwasser, hereinafter referred to as "Assignor," by virtue of this assignment, hereby assigns all right to the above invention to Symyx Technologies.

WHEREAS, Symyx Technologies, a California corporation, located at Symyx Technologies, 4005 Miranda Avenue, Suite 180, Palo Alto, California 94304, hereinafter referred to as "Assignee," is desirous of acquiring an interest in the invention and application and in any Letters Patent and Registrations which may be granted on the same;

For good and valuable consideration, receipt of which is hereby acknowledged by Assignors, Assignors have assigned, and by these presents do assign to Assignee all right, title and interest in and to the invention and application and to all foreign counterparts (including patent, utility model and industrial designs), and in and to any Letters Patent and Registrations which may hereafter be granted on the same in the United States and all countries throughout the world, and to claim the priority from the application as provided by the Paris Convention. The right, title and interest is to be held and enjoyed by Assignee and Assignee's successors and assigns as fully and exclusively as it would have been held and enjoyed by Assignors had this assignment not been made, for the full term of any Letters Patent and Registrations which may be granted thereon, or of any division, renewal, continuation in whole or in part, substitution, conversion, reissue, prolongation or extension thereof.

Assignors further agree that they will, without charge to Assignee, but at Assignee's expense, (a) cooperate with Assignee in the prosecution of U.S. Patent applications and foreign counterparts on the invention and any improvements, (b) execute, verify, acknowledge and deliver all such further papers, including patent applications and instruments of transfer and (c) perform such other acts as Assignee lawfully may request to obtain or maintain Letters Patent and Registrations for the invention and improvements in any and all countries, and to vest title thereto in Assignee, or Assignee's successors and assigns.

IN TESTIMONY WHEREOF, Assignors have signed their names on the dates indicated.

Date: March 28, 1995 Isy Goldwasser  
Isy Goldwasser

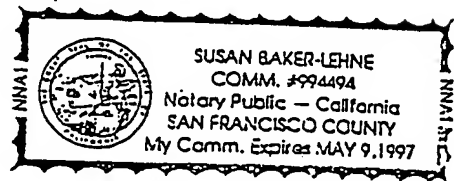
STATE OF California

COUNTY OF San Francisco

On March 28, 1995, before me, Susan Baker-Lehne (here insert name and title of the officer), personally appeared Isy Goldwasser, personally ~~known to me (or~~ proved to me on the basis of satisfactory evidence) to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, execute the instrument.

WITNESS my hand and official seal.

Signature Susan Baker-Lehne (Seal)



14939-4.asi  
ASSIGN.MRG 5/94

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214934-00040045  
UNITED STATES DEPARTMENT OF COMMERCE  
Patent and Trademark Office  
ASSISTANT SECRETARY AND COMMISSIONER  
OF PATENTS AND TRADEMARKS  
Washington, D.C. 20231  
EGW

OCTOBER 22, 1995

PTAS

EUGENIA GARRETT-WACKOWSKI  
TOWNSEND AND TOWNSEND KHOURIE AND CREW  
TWENTIETH FLOOR, STEUART STREET TOWER  
ONE MARKET PLAZA  
SAN FRANCISCO, CA 94105-1492



\*100030265A\*

UNITED STATES PATENT AND TRADEMARK OFFICE  
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, NORTH TOWER BUILDING, SUITE 10C35, WASHINGTON, D.C. 20231.

RECORDATION DATE: 06/09/1995

REEL/FRAME: 7518/0103  
NUMBER OF PAGES: 3

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

SCHULTZ, PETER G.

DOC DATE: 03/17/1995

ASSIGNOR:

XIANG, XIAODONG

DOC DATE: 03/22/1995

ASSIGNEE:

CALIFORNIA, THE UNIVERSITY OF, REGENTS OF, THE  
300 LAKESIDE DRIVE, 22ND FLOOR  
OAKLAND, FLORIDA 94612-3550

SERIAL NUMBER: 08327513

FILING DATE: 10/18/1994

PATENT NUMBER:

ISSUE DATE:

SEDLEY PYNE, EXAMINER  
ASSIGNMENT DIVISION  
OFFICE OF PUBLIC RECORDS

07-18-1995

U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office

To the Honorable Commissioner of Patents:



hed original documents or copy thereof.

## 1. Name of conveying party(ies):

Peter G. Schultz

100030265

s of receiving party(ies):

Name:

The Regents of the University of California

Internal Address:

Street Address: 300 Lakeside Drive, 22nd Floor

City: Oakland State: California ZIP: 94612-3550

Additional name(s) of conveying party(ies) attached?

☒

Yes

☐

No

## 3. Nature of conveyance:

☒

Assignment

☐

Merger

☐

Security Agreement

☐

Change of Name

☐

Other:

Execution Date: March 17, 1995; March 22, 1995

Additional name(s) &amp; address(es) attached?

☐

Yes

☒

No

## 4. Application number(s) or patent number(s).

If this document is being filed together with a new application, the execution date of the application is:

A. Patent Application No.(s) 08/327,513

B. Patent No.(s)

Additional numbers attached?

☐

Yes

☒

No

## 5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Eugenia Garrett-Wackowski  
TOWNSEND and TOWNSEND KHOURIE and CREW  
Twentieth Floor  
Steuart Street Tower  
One Market Plaza  
San Francisco, California 94105-1492  
(415) 543-9600

6. Total number of applications and patents involved:

1

7. Total fee (37 CFR 3.41):..... \$ 40.00

☐

Enclosed

☒

Charge Fees to Deposit Account

☒

Charge any additional fees associated with this paper or during the pendency of this application, or credit any overpayment, to deposit account

8. Deposit account number: 20-1430

(Attach duplicate copy of this page if paying by deposit account)

DO NOT USE THIS SPACE

## 9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Eugenia Garrett-Wackowski

Name of Person Signing

Signature

June 5, 1995

Date

Atty. Reg. No. 37,330

Total number of pages including cover sheet, attachments, and document:

3

## 10. Change Correspondence Address to that of Part 5?

☒

Yes

☐

No

OMB No. 0651-0011 (exp. 4/94)

Mail documents to be recorded with required cover sheet information to:

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Commissioner of Patents and Trademarks  
Box Assignments  
Washington, D.C. 20231

CS40318 07/10/95 08327513

20-1430 040 581

40.00CH

ASSIGNMENTU.C. Case No. LBL IB1069

For good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR(S),

1. Peter G. Schultz
2. Xiaodong Xiang
3. \_\_\_\_\_
4. \_\_\_\_\_

hereby sells, assigns and transfers to ASSIGNEE, The Regents of the University of California, a California Corporation, having its statewide administrative offices located 300 Lakeside Drive, 22nd Fl., Oakland, CA 94612-3550, and the successors, assigns and legal representatives of the ASSIGNEE all of its right, title and interest for the United States and its territorial possessions and in all foreign countries in and to, any and all improvements which are disclosed in the invention entitled:

THE COMBINATORIAL SYNTHESIS OF NOVEL MATERIALS

and which is found in

- (a) \_\_\_\_\_ U.S. patent application executed on \_\_\_\_\_  
entitled as above and listing the above-named persons as inventors
- (b) X U.S. application serial no. 08/327,513, filed on October 18, 1994
- (c) \_\_\_\_\_ U.S. Patent No.: \_\_\_\_\_, issued \_\_\_\_\_

and any legal equivalent thereof in a foreign country, including the right to claim priority and, in and to, all Letters Patent to be obtained for said invention by the above application or any continuation, division, continuation-in-part, extension or substitute thereof, and any reissue, reexamination or extension of said Letters Patent and all rights under all International Conventions for the Protection of Industrial Property;

ASSIGNOR(S) hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment;

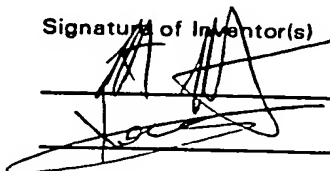
ASSIGNOR(S) further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to the same in any interference, litigation, or proceeding relating thereto and will promptly execute and deliver to ASSIGNEE or its legal representative any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue or enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof. An attorney of record is authorized and requested by the execution of this assignment to insert into this assignment the filing date and serial number of said application when officially known.

AND the ASSIGNOR(S) requests the Commissioner of Patents and Trademarks to issue said Letters Patent of the United States and any reissue or extension thereof to the ASSIGNEE, The Regents of the University of California.

executed this

17<sup>th</sup> day of March, 1995  
22<sup>nd</sup> day of March, 1995  
 \_\_\_\_\_ day of \_\_\_\_\_, 19\_\_\_\_  
 \_\_\_\_\_ day of \_\_\_\_\_, 19\_\_\_\_

Signature of Inventor(s)

  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

M:UCASSIGN.MRG 10/94

(UC Revised: 4/27/93)

1. Additional name(s) of conveying party(ies):  
(Continued from Page 1)

Xiaodong Xiang

2. Additional name(s) and address(es) of receiving party(ies):  
(Continued from Page 1)

4. Additional application number(s) or patent number(s):  
(Continued from Page 1)

A. Patent Application No.(s)

B. Patent No.(s)

**CERTIFICATE UNDER 37 C.F.R. §3.73(b)**

10416.105014

Applicant: Peter G. Schultz, et al.

Application No.: 09/881,036 Filed: July 31, 1998

For: Preparation and Screening of Crystalline Materials

The Regents of the University of California, a corporation

(Name of Assignee)

(Type of Assignee e.g., corporation, partnership, university, government agency, etc.)

and

Symyx Technologies, Inc., a corporation

(Name of Assignee)

(Type of Assignee e.g., corporation, partnership, university, government agency, etc.)

certify that they are the assignees of the entire right, title and interest in the patent application identified above by virtue of either:

(X) A. An assignment from the inventor(s) of the patent application identified above. The assignments were recorded in the Patent and Trademark Office at Reel 7518, Frame 0522 and Reel 7518, Frame 0103, or for which a copy thereof is attached.

OR

( ) B. A chain of title from the inventor(s), of the patent application identified above, to the current assignee as shown below:

1. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the Patent and Trademark Office at  
Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

2. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the Patent and Trademark Office at  
Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

3. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the Patent and Trademark Office at  
Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

( ) Additional documents in the chain of title are listed on a supplemental sheet.

( ) Copies of assignments or other documents in the chain of title are attached.

The assignees have reviewed all the documents in the chain of title of the patent application identified above and, to the best of the assignees' knowledge and belief, title is in the assignees identified above.

The undersigned (whose titles are supplied below) are authorized to act on behalf of the assignees.

Date: 5-28-03

Name: David J. Aston

Title: Chief Patent Counsel

Signature: David J. Aston

Date: \_\_\_\_\_

Name: \_\_\_\_\_

Title: \_\_\_\_\_

Signature: \_\_\_\_\_

Patent Department  
Lawrence Berkeley Laboratory  
One Cyclotron  
Mail Stop 908  
Berkeley, CA 94720



CERTIFICATE UNDER 37 C.F.R. §3.73(b)Applicant: Peter G. Schultz, et al.Application No.: 09/881,036 Filed: July 31, 1998For: Preparation and Screening of Crystalline MaterialsThe Regents of the University of California, a corporation

(Name of Assignee)

(Type of Assignee e.g., corporation, partnership, university, government agency, etc.)

and

Symyx Technologies, Inc., a corporation

(Name of Assignee)

(Type of Assignee e.g., corporation, partnership, university, government agency, etc.)

certify that they are the assignees of the entire right, title and interest in the patent application identified above by virtue of either:

- (X) A. An assignment from the inventor(s) of the patent application identified above. The assignments were recorded in the Patent and Trademark Office at Reel 7518, Frame 0522 and Reel 7518, Frame 0103, or for which a copy thereof is attached.

OR

- ( ) B. A chain of title from the inventor(s), of the patent application identified above, to the current assignee as shown below:

1. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the Patent and Trademark Office at  
Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.
2. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the Patent and Trademark Office at  
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3. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the Patent and Trademark Office at  
Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

( ) Additional documents in the chain of title are listed on a supplemental sheet.

( ) Copies of assignments or other documents in the chain of title are attached.

The assignees have reviewed all the documents in the chain of title of the patent application identified above and, to the best of the assignees' knowledge and belief, title is in the assignees identified above.

The undersigned (whose titles are supplied below) are authorized to act on behalf of the assignees.

Date: \_\_\_\_\_

Name: \_\_\_\_\_

Title: \_\_\_\_\_

Signature: \_\_\_\_\_

Date: May 30, 2003Name: Paul A. StoneName: V.P. & Chief Patent CounselTitle: Symyx Technologies, Inc.Signature: Paul A. Stone

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In the application of:

Peter G. SCHULTZ et al.

Serial No.: 09/881,036

Filing Date: June 13, 2001

For: PREPARATION AND SCREENING OF  
CRYSTALLINE MATERIALS

Examiner: M. Baker

Group Art Unit: 1627

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450**POWER OF ATTORNEY, REVOCATION OF PRIOR POWERS AND CHANGE OF  
CORRESPONDENCE ADDRESS**

Sir:

The Regents of the University of California, a California corporation having its place of business at 1111 Franklin Street, 12<sup>th</sup> Floor, Oakland, California 94607 and Symyx Technologies, Inc., a Delaware corporation having its place of business at 3100 Central Expressway, Santa Clara, California 95051, the assignees of the entire right, title and interest in this patent application, hereby revoke all Powers of Attorney previously granted relating to this application and appoint as their attorneys or agents, with full power of substitution, association, and revocation, to prosecute this patent application and to transact all business in the United States Patent and Trademark Office connected herewith:

Sherry M. Knowles-Registration No. 33,052  
Madeline I. Johnston-Registration No. 36,174  
Clark G. Sullivan-Registration No. 36,942W. Scott Petty- Registration No. 35,645  
Rebecca J. Kaufman-Registration No. 44,819  
Holmes J. Hawkins-Registration No. 38,913

Steven P. Wigmore- Registration No. 40,447  
Michael S. Pavento-Registration No. 42,985  
Shane A. Nichols-Registration No. 43,836  
William O. Isaacs, III-Registration No. 44,165  
Hoang Vo-Registration No. 47,158  
James M. Hannon-Registration No. 48,565

Charles E. Peeler-Registration No. 45,004  
Bob Neufeld-Registration No. 48,394  
Kristin Chrudimsky-Registration No. 51,561  
Stephanie D. Adams-Registration No. 47,378  
Natasha Horne Moffitt-Registration No. 53,340  
Charles E. Thorpe, Jr.-Registration No. 48,782

all of King & Spalding LLP, 191 Peachtree Street, Atlanta, GA 30303, telephone: (404) 572-4600, said appointment to be to the exclusion of the inventors and their attorneys in accordance with the provisions of 37, Code of Federal Regulations, §3.71 provided that if any one of said attorneys or agents ceases being affiliated with the law firm of King & Spalding LLP as partner, employee or of counsel, such attorney's or agent's appointment as attorney or agent and all powers derived therefrom shall terminate on the date such attorney or agent ceases being so affiliated.

Also appointed are the following attorneys or agents:

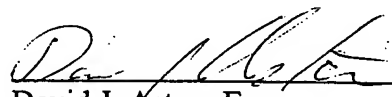
Paul A. Stone (Reg. No. 38,628)      Ronald A. Krasnow (Reg. No. 33,321)  
both of Symyx Technologies, Inc. at 3100 Central Expressway, Santa Clara, California 95051,  
telephone number is (408) 773-4024.

Please direct all communications related to the above-identified patent application to:

Madeline I. Johnston, Esq.  
King & Spalding  
191 Peachtree Street  
Atlanta, Georgia 30303-1763  
(404) 572-4720 office  
(404) 572-5145 facsimile

Respectfully submitted,

Dated: 5-28, 2003

  
David J. Aston, Esq.  
Chief Patent Counsel  
Lawrence Berkeley National Laboratory  
for  
The Regents of the University of California  
a California corporation  
1111 Franklin Street, 12<sup>th</sup> Floor  
Oakland, CA 94607

Dated: \_\_\_\_\_, 2003

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Paul A. Stone  
Vice President and Chief Patent Counsel  
for  
Symyx Technologies, Inc.  
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3100 Central Expressway  
Santa Clara, CA 95051

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In the application of:

Peter G. SCHULTZ et al.

Serial No.: 09/881,036

Filing Date: June 13, 2001

For: PREPARATION AND SCREENING OF  
CRYSTALLINE MATERIALS

Examiner: M. Baker

Group Art Unit: 1627

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450**POWER OF ATTORNEY, REVOCATION OF PRIOR POWERS AND CHANGE OF  
CORRESPONDENCE ADDRESS**

Sir:

The Regents of the University of California, a California corporation having its place of business at 1111 Franklin Street, 12<sup>th</sup> Floor, Oakland, California 94607 and Symyx Technologies, Inc., a Delaware corporation having its place of business at 3100 Central Expressway, Santa Clara, California 95051, the assignees of the entire right, title and interest in this patent application, hereby revoke all Powers of Attorney previously granted relating to this application and appoint as their attorneys or agents, with full power of substitution, association, and revocation, to prosecute this patent application and to transact all business in the United States Patent and Trademark Office connected herewith:

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Madeline I. Johnston-Registration No. 36,174

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all of King & Spalding LLP, 191 Peachtree Street, Atlanta, GA 30303, telephone: (404) 572-4600, said appointment to be to the exclusion of the inventors and their attorneys in accordance with the provisions of 37, Code of Federal Regulations, §3.71 provided that if any one of said attorneys or agents ceases being affiliated with the law firm of King & Spalding LLP as partner, employee or of counsel, such attorney's or agent's appointment as attorney or agent and all powers derived therefrom shall terminate on the date such attorney or agent ceases being so affiliated.

Also appointed are the following attorneys or agents:

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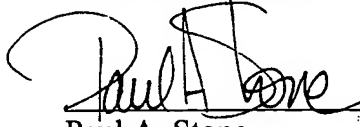
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